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LISTING OF CLAIMS

1 (Previously Presented). A motor having a rotational member rotatably supported through a bearing device provided on a base member of the motor, said bearing device including an inner ring and an outer ring and a plurality of balls interposed therebetween, said bearing device further including:

a low expansion member press fit around an outer periphery of the outer ring, wherein the low expansion member is made of a material having a coefficient of linear expansion which is lower than the coefficient of linear expansion of the outer ring.

2 (Previously Presented). A motor having a rotational member rotatably supported through a bearing device provided on a base member thereof, said bearing device including:

a shaft,

a cylindrical outer ring member surrounding the shaft,

a plurality of balls arranged in first and second rows interposed between the shaft and the outer ring member, and

a low expansion member press fit around an outer periphery of the outer ring member, wherein the low expansion member is made of a material having a coefficient of linear expansion which is lower than the coefficient of linear expansion of the outer ring member.

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3 (Previously Presented). A motor having a rotational member rotatably supported through a bearing device provided on a base member thereof, said bearing device including;

- a shaft to which an inner ring is fit slidably therearound,
- a cylindrical outer ring member surrounding the shaft,
- a plurality of balls of a first row interposed between a first inner ring raceway formed on an outer periphery of the inner ring and a first outer ring raceway formed on an inner periphery of the outer ring member,
- a plurality of balls of a second row interposed between a second inner ring raceway formed directly on an outer periphery of the shaft and a second outer ring raceway formed on an inner periphery of the outer ring member, and
- a low expansion ring press fit around an outer periphery of the outer ring member, wherein the low expansion ring is made of a material having a coefficient of linear expansion which is lower than the coefficient of linear expansion of the outer ring member, and

the inner ring is secured on the shaft with applying an appropriate amount of preload thereon.

4 (Previously Presented). A motor having a rotational member rotatably supported through a bearing device provided on a base member thereof, said bearing device including:

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a shaft,

- a cylindrical outer ring member surrounding the shaft,
- a plurality of balls of first and second rows interposed between the shaft and the outer ring member, and
- a low expansion member press fit around an outer periphery of the outer ring member,
- wherein the low expansion member is made of a material having a coefficient of linear expansion which is lower than the coefficient of linear expansion of the outer ring member, and

wherein the shaft is secured on the base member to extend therefrom, and a central portion of the rotational member is fit over the outer periphery of the outer ring member.

- 5 (Previously Presented). A motor having a rotational member rotatably supported through a bearing device provided on a base member thereof, said bearing device including:
 - a shaft to which an inner ring is fit slidably therearound,
- a cylindrical outer ring member surrounding the shaft,
 - a plurality of balls of a first row interposed between a first inner ring raceway formed on an outer periphery of the inner ring and a first outer ring raceway formed on an inner periphery of the outer ring member,

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a plurality of balls of a second row interposed between a second inner ring

raceway formed directly on an outer periphery of the shaft and a second outer ring

raceway formed on an inner periphery of the outer ring member, and

a low expansion ring press fit around an outer periphery of the outer ring member, wherein the low expansion ring is made of a material having a coefficient of linear expansion which is lower than the coefficient of linear expansion of the outer ring member,

the inner ring is secured on the shaft with applying an appropriate amount of preload thereon, and

wherein the shaft is secured on the base member to extend therefrom, and a central portion of the rotational member is fit over the outer periphery of the outer ring member.

- 6 (Previously Presented). The bearing device according to claim 1, characterized in that the balls are of ceramic material.
- 7 (Previously Presented). The bearing device according to claim 1, characterized in that the low expansion member is of ceramic material.
- 8 (Previously Presented). The bearing device according to claim 2, characterized in that the balls are of ceramic material.

- 9 (Previously Presented). The bearing device according to claim 2, characterized in that the low expansion member is of ceramic material.
- 10 (Previously Presented). The bearing device according to claim 3, characterized in that the balls are of ceramic material.
- 11 (Previously Presented). The bearing device according to claim 3, characterized in that the low expansion ring is of ceramic material.
- 12 (Previously Presented). The bearing device according to claim 4, characterized in that the balls are of ceramic material.
- 13 (Previously Presented). The bearing device according to claim 4, characterized in that the low expansion member is of ceramic material.
- 14 (Previously Presented). The bearing device according to claim 5, characterized in that the balls are of ceramic material.
- 15 (Previously Presented). The bearing device according to claim 5, characterized in that the low expansion ring is of ceramic material.

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16 (New). The motor according to claim 1, wherein said low expansion member press fit around the outer periphery of the outer ring is arranged for maintaining a radial clearance of said bearing device at a predetermined value under a varying temperature condition.

17 (New). The motor according to claim 2, wherein said low expansion member press fit around the outer periphery of the outer ring member is arranged for maintaining a radial clearance of said bearing device at a predetermined value under a varying temperature condition.

18 (New). The motor according to claim 3, wherein said low expansion ring press fit around the outer periphery of the outer ring member is arranged for maintaining a radial clearance of said bearing device at a predetermined value under a varying temperature condition.

19 (New). The motor according to claim 4, wherein said low expansion member press fit around the outer periphery of the outer ring member is arranged for maintaining a radial clearance of said bearing device at a predetermined value under a varying temperature condition.

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The motor according to claim 5, wherein said low expansion ring 20 (New). press fit around the outer periphery of the outer ring member is arranged for maintaining a radial clearance of said bearing device at a predetermined value under a varying temperature condition.

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